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The Long Island Chapter of the Association for Computing Machinery*

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Arrangements
MRS. LENORE ROSEN
SUNY at Stony Brook

Publicity
LEE REVENS, ACM

SUNY at Stony Brook is located on Long Island approximately 60 miles from New York City. There are some nearby motels (including Holiday Inn) for those planning to arrive the previous evening. For those planning to stay in New York City, bus transportation between New York and Stony Brook will be provided for registrants who check the box on the attached registration form. Please return this form as soon as possible (with additional transportation fee) so that sufficient chartered buses may be hired. Short Line buses will leave for Stony Brook at 7:15 A.M. sharp from Gate 101, New York Port Authority, 41st Street and 8th Avenue. Return buses will leave Stony Brook at 5:15 P.M.

For those planning to drive: Eastbound on the Long Island Expressway to Exit 53N, Sagtikos State Parkway. North on Parkway for 1 mile to Exit S1A, Northern State Parkway. East (right) on Parkway and its continuation, Veterans Highway for approximately $4\frac{1}{2}$ miles to Smithtown Bypass (left fork). East on Bypass which becomes Nesconset Highway for $7\frac{1}{4}$ miles to Nicoll Road, immediately past Strathmore homes. North (left) on Nicoll Road for 2 miles to University on left. Follow signs to parking area.

The conference will be held in the recently completed air-conditioned Lecture Hall building.

Please register at your earliest convenience in order to facilitate conference arrangements.

advances in computing

MAY

1971

To examine the current state of the art in the computing sciences, describe experimental and frontier projects, and attempt to define future advances.

9:00 A.M. REGISTRATION

9:30 A.M. WELCOME

{ DOUGLAS PALMER
Chairman, Long Island Chapter of ACM
JOHN S. TOLL
President, SUNY at Stony Brook

9:45 A.M. MORNING SESSION Chairman—MAX GOLDSTEIN, New York University

The Coming Crisis in Education for Computing

JOSEPH WEIZENBAUM, Massachusetts Institute of Technology

Although institutions of higher education feel obliged to offer computing curricula, perhaps too many programs reflect a misunderstanding of what should be taught and of the employment market. This talk discusses educational obligations of different types of institutions and the prospective employment situation in computing.

Dr. Weizenbaum, Professor of Computer Science (in Electrical Engineering) at MIT, is noted for his pioneering work on the SLIP and ELIZA programming languages, and for his incisive commentary on the social effects of computing technology.

Coffee

Eyes for Robots

PATRICK WINSTON, Massachusetts Institute of Technology

The MIT robot recently demonstrated the ability to 'see', analyze and copy a general configuration — an arrangement of bricks on a table. This talk emphasizes the processing capability for scene analysis and construction planning for robots.

Dr. Winston, Assistant Professor of Electrical Engineering at MIT, is affiliated with the MIT Artificial Intelligence Laboratory where the research on robots is conducted.

Management Information Systems: The High Cost of Complexity

GEORGE GLASER, McKinsey and Company, Inc.

Management Information Systems implementation costs generally have far exceeded estimates. To cope with this, MIS designers must better understand the relation of MIS cost elements to design complexity and the need for a modular approach to MIS.

Mr. Glaser, a Principal in McKinsey with a varied background in computing, communications and management science techniques, applies his talents to the utmost as Treasurer of the ACM and member of its National Council.

12:15 P.M. LUNCHEON AND ADDRESS

The Blackened-Silver Coin Test for Poisonous Computer Applications

DANIEL McCracken, McCracken Associates

Which is worse — a useful job done in a stupid way or a stupid job well done?

Dan McCracken is a consultant and the author of ten widely used books on programming; of equal import, he is an articulate observer of the silly things people (many of whom should know better) sometimes do with computers.

2:00 P.M. AFTERNOON SESSION

Chairman—WALTER CARLSON, International Business Machines Corporation

Off Track Betting: A Municipal On-Line System

EDWIN BRENNAN, Bureau of Budget, City of New York

The On Track Betting System encompasses facilities for central processing, branch offices, telephone deposit betting and the racetrack. It uses mini computers, provides proper safeguards and must, of course, make money for the municipality.

Mr. Brenman, Director of Municipal Data Systems in the Budget Bureau, has been responsible for installing many complex data systems in the New York municipality.

Coffee

Interactive Computer Graphics

ANDRIES VAN DAM, Brown University

This talk introduces and surveys the hardware, software and data methodology of interactive computer graphics, a most significant but as yet not fully realized capability of man-machine interaction.

Dr. van Dam is Associate Professor of Computer Science at Brown University with principal research interests in graphic interactive systems.

Telecommunication Networks

JAMES MARTIN, IBM Systems Research Institute

A decade of revolutionary change is ahead in the structure of telecommunication networks and the way the computing industry makes use of these networks. This talk explores the manifold potentialities.

Mr. Martin, the author of a number of popular books on telecommunications, has participated in several of IBM's largest real-time systems and is now on the IBM SRI staff.

4:45 P.M. CLOSING REMARKS

AARON FINERMAN

Professor of Computing Science, SUNY at Stony Brook

5:00 P.M. COFFEE HOUR

advances in computing / JUNE 11, 1971

SUNY at Stony Brook

The conference registration fee is fifteen dollars (\$15.00), including luncheon and coffee.

Make checks for registration fee and bus transportation charges, if any, payable to CONFERENCE ON COMPUTING SCIENCES and return with this form to MRS. LENORE ROSEN, Computing Center, SUNY at Stony Brook, Stony Brook, New York 11790.

NAME _____

ORGANIZATION _____

ADDRESS _____

☐ Check for motel information

☐ Check for bus transportation

Add three dollars (\$3.00) to registration fee

Arrival date and time _____

Departure date and time _____

Enclosed is check for _____

registration
form

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